Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040915\
Data File : BF078394.D
Acq On : 10 Apr 2015 10:11
Operator : TP/IZ
Sample : G1793-03DL 50X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 10 12:48:13 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 09 11:29:31 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	35339	20.00	ng		0.00
21) Naphthalene-d8	8.46	136	151123	20.00	ng		0.00
38) Acenaphthene-d10	10.62	164	74698	20.00	ng		-0.01
63) Phenanthrene-d10	12.45	188	141195	20.00	ng		-0.01
75) Chrysene-d12	15.71	240	148567	20.00	ng		-0.03
86) Perylene-d12	17.44	264	144907	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.16	112	3136	1.46	ng		-0.01
7) Phenol-d6	6.50	99	4412	1.64	ng		0.02
23) Nitrobenzene-d5	7.58	82	2353	0.94	ng		0.00
41) 2,4,6-Tribromophenol	11.61	330	632	1.02	ng		-0.01
44) 2-Fluorobiphenyl	9.81	172	6707	1.28	ng		0.00
78) Terphenyl-d14	14.44	244	6981	1.06	ng		-0.02
Target Compounds							Qvalue
31) Naphthalene	8.49	128	875008	111.24	ng		99
37) 2-Methylnaphthalene	9.34	142	148736	27.85	ng		98
45) 1,1'-Biphenyl	9.93	154	67997	11.13	ng		99
48) Acenaphthylene	10.45	152	49179	6.34	ng		98
51) Acenaphthene	10.66	154	149493	34.20	ng		99
55) 4-Nitrophenol	10.88	139	3076	5.84	ng	#	18
57) Fluorene	11.30	166	108398	20.03	ng		99
70) Phenanthrene	12.48	178	530856	65.00	ng		99
71) Anthracene	12.55	178	114099	14.18	ng		99
74) Fluoranthene	13.94	202	234166	27.19	ng		97
77) Pyrene	14.21	202	328705	35.24	ng		97
80) Benzo(a)anthracene	15.75	228	45971	5.20	ng		97
82) Chrysene	15.75	228	67532	8.13	ng		98
85) Indeno(1,2,3-cd)pyrene	18.69	276	32578	3.46	ng	#	86
87) Benzo(b)fluoranthene	17.00	252	89692	10.01	ng	#	93
88) Benzo(k)fluoranthene	17.00	252	89692	11.27	ng		98
89) Benzo(a)pyrene	17.37	252	82173	10.51	ng	#	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040915\
Data File : BF078394.D
Acq On : 10 Apr 2015 10:11
Operator : TP/IZ
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Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
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Quant Time: Apr 10 12:48:13 2015
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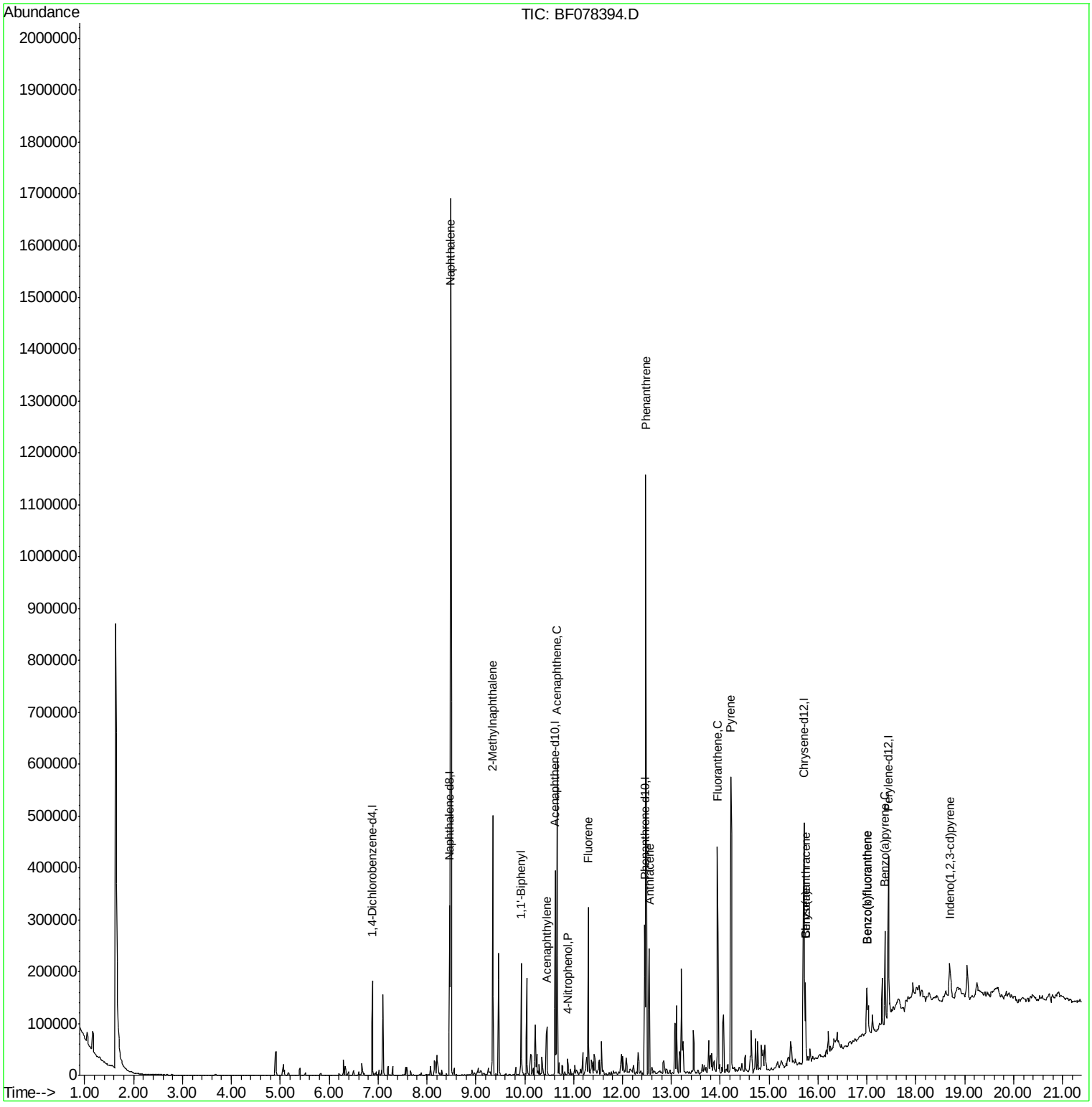
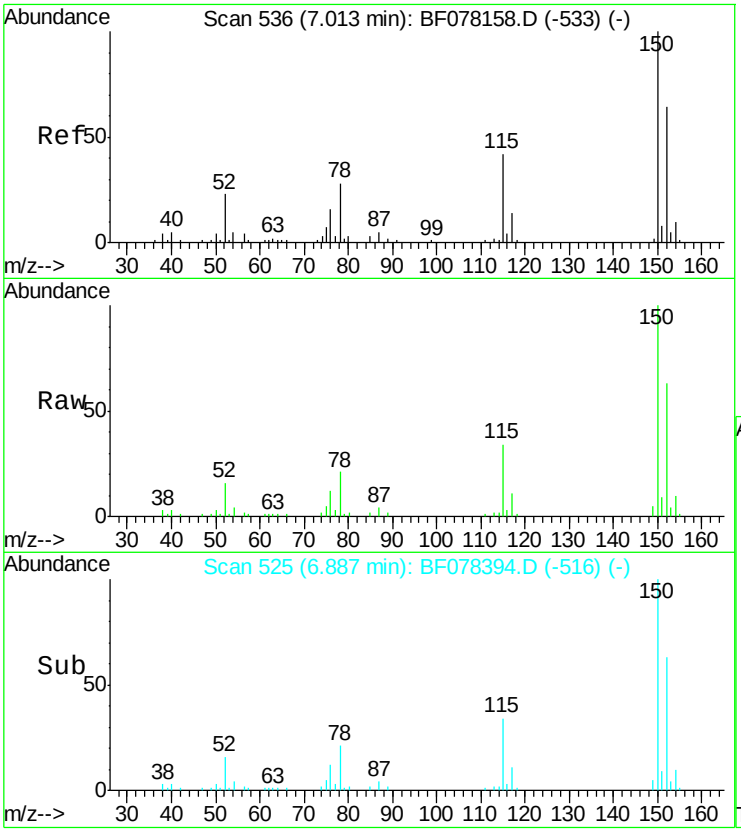
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 09 11:29:31 2015
Response via : Initial Calibration



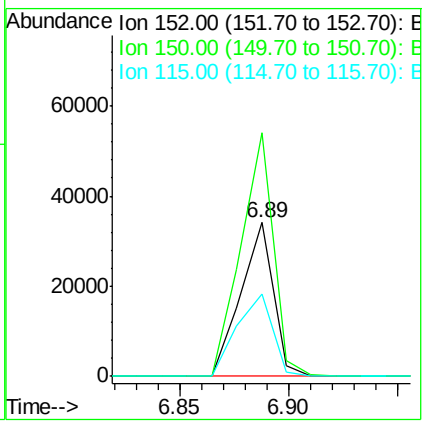


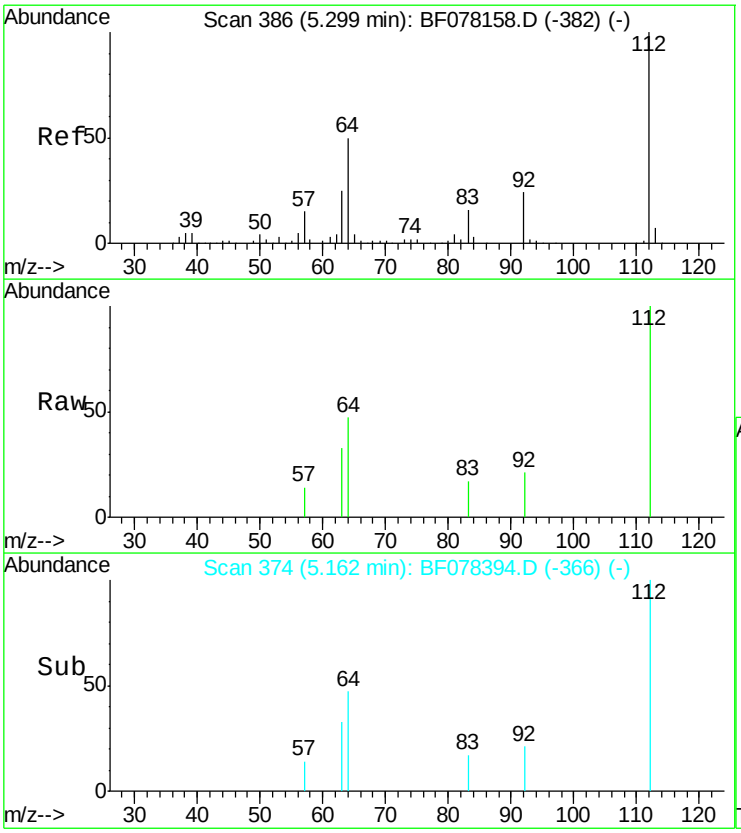
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF078394.D
Acq: 10 Apr 2015 10:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 35339

Ion	Ratio	Lower	Upper
152	100		
150	158.4	125.9	188.9
115	53.6	52.7	79.1

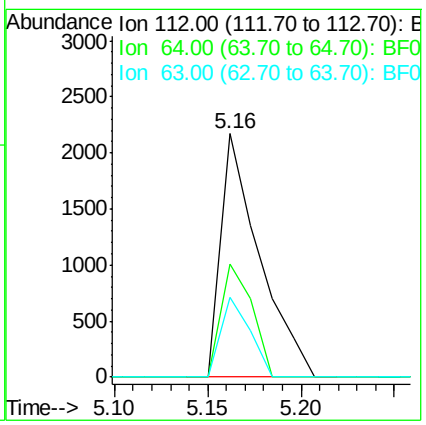


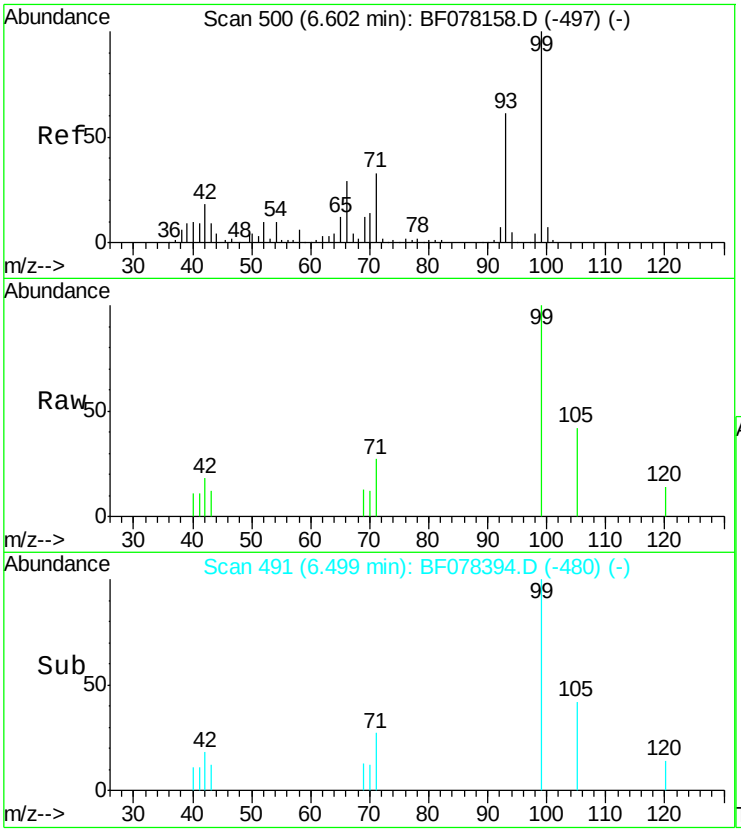


#5
2-Fluorophenol
Concen: 1.46 ng
RT: 5.16 min Scan# 374
Delta R.T. -0.01 min
Lab File: BF078394.D
Acq: 10 Apr 2015 10:11

Tgt Ion:112 Resp: 3136

Ion	Ratio	Lower	Upper
112	100		
64	46.6	39.9	59.9
63	32.7	20.2	30.4#



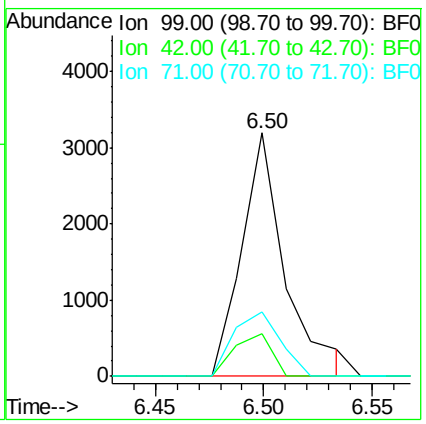


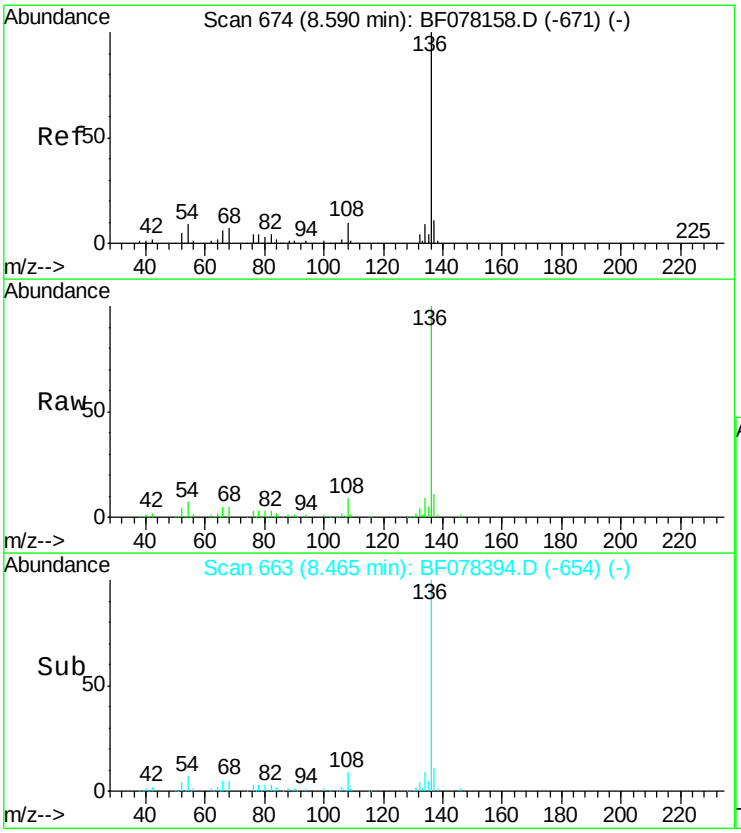
#7
Phenol-d6
Concen: 1.64 ng
RT: 6.50 min Scan# 491
Delta R.T. 0.02 min
Lab File: BF078394.D
Acq: 10 Apr 2015 10:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 4412

Ion	Ratio	Lower	Upper
99	100		
42	17.7	14.8	22.2
71	26.7	26.6	39.8

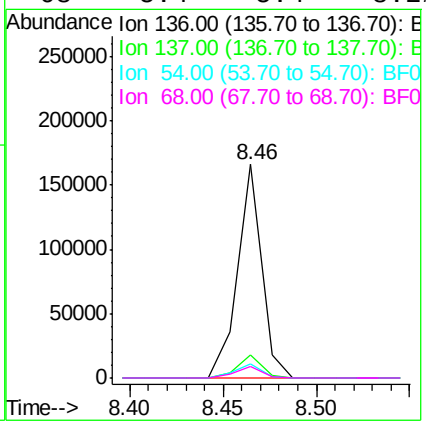


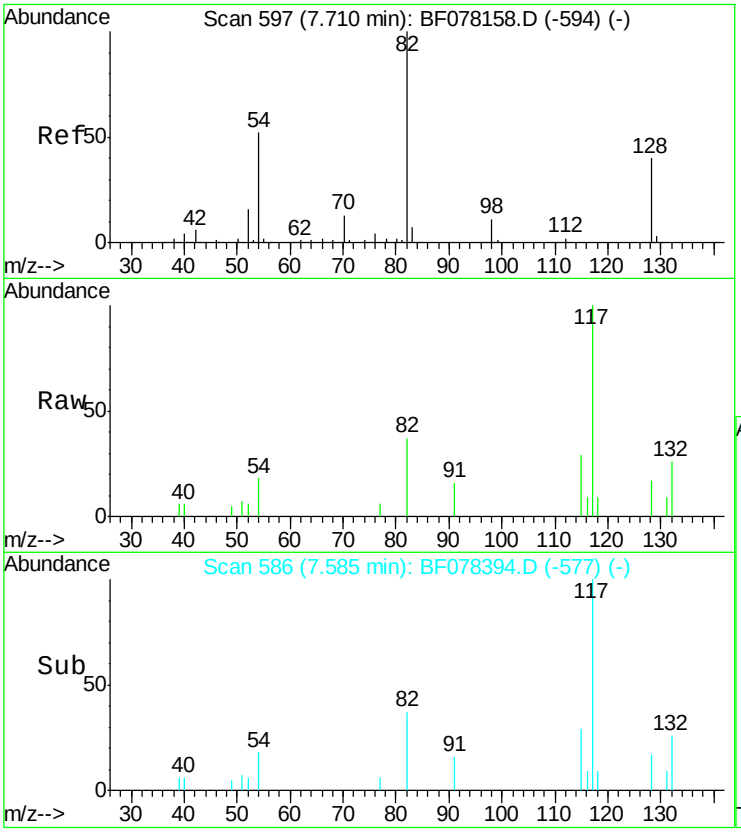


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.46 min Scan# 663
Delta R.T. 0.00 min
Lab File: BF078394.D
Acq: 10 Apr 2015 10:11

Tgt Ion:136 Resp: 151123

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	6.6	7.0	10.6#
68	5.4	5.4	8.2#



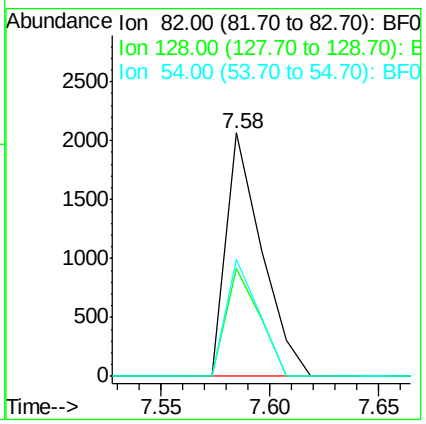


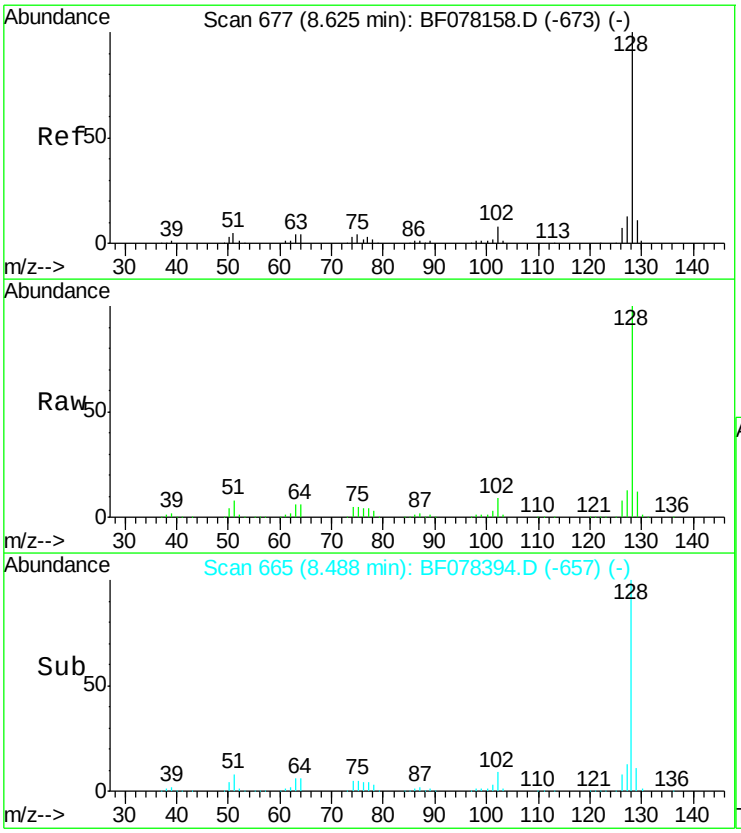
#23
Nitrobenzene-d5
Concen: 0.94 ng
RT: 7.58 min Scan# 586
Delta R.T. 0.00 min
Lab File: BF078394.D
Acq: 10 Apr 2015 10:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 2353

Ion	Ratio	Lower	Upper
82	100		
128	44.5	31.8	47.8
54	48.2	41.5	62.3

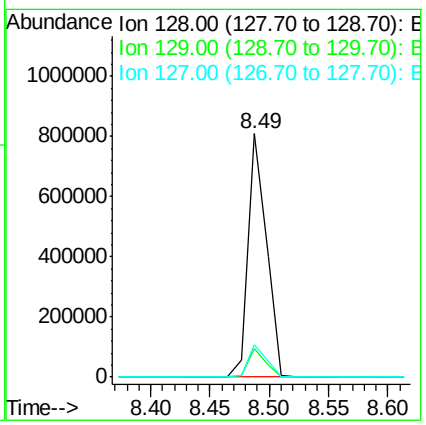


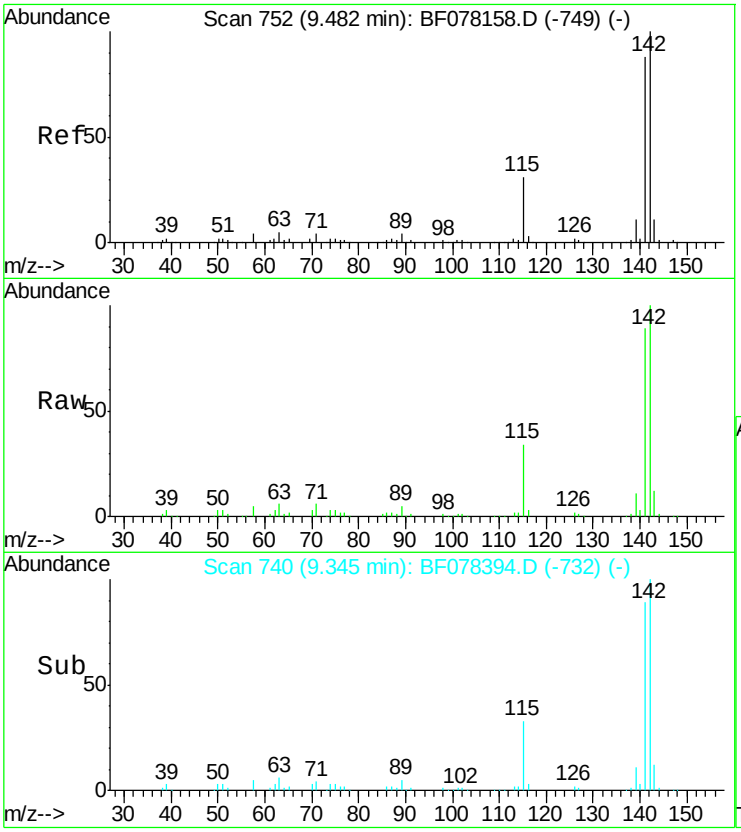


#31
Naphthalene
Concen: 111.24 ng
RT: 8.49 min Scan# 665
Delta R.T. -0.01 min
Lab File: BF078394.D
Acq: 10 Apr 2015 10:11

Tgt Ion:128 Resp: 875008

Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.6	12.8
127	13.3	10.7	16.1



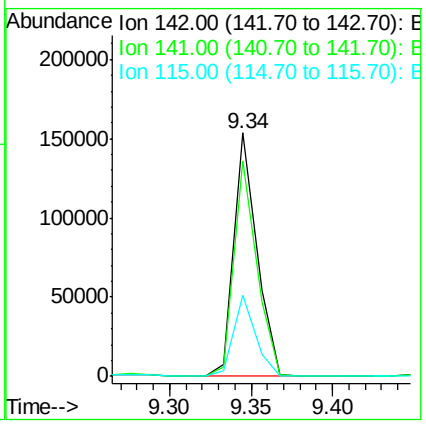


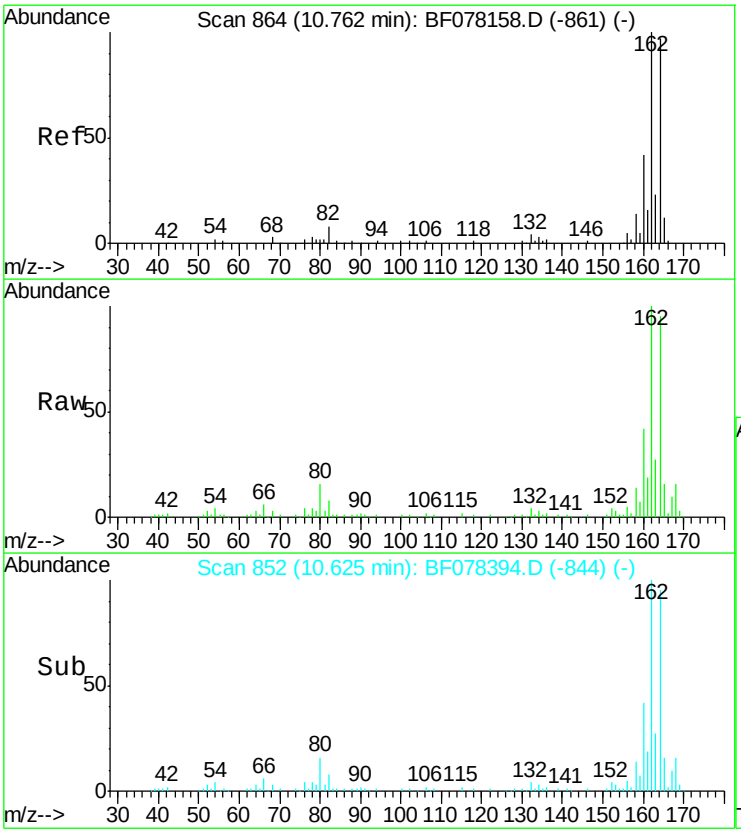
#37
2-Methylnaphthalene
Concen: 27.85 ng
RT: 9.34 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF078394.D
Acq: 10 Apr 2015 10:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 148736

Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.3	105.5
115	33.5	24.6	37.0

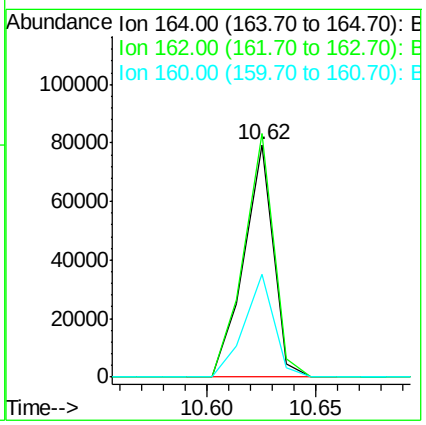


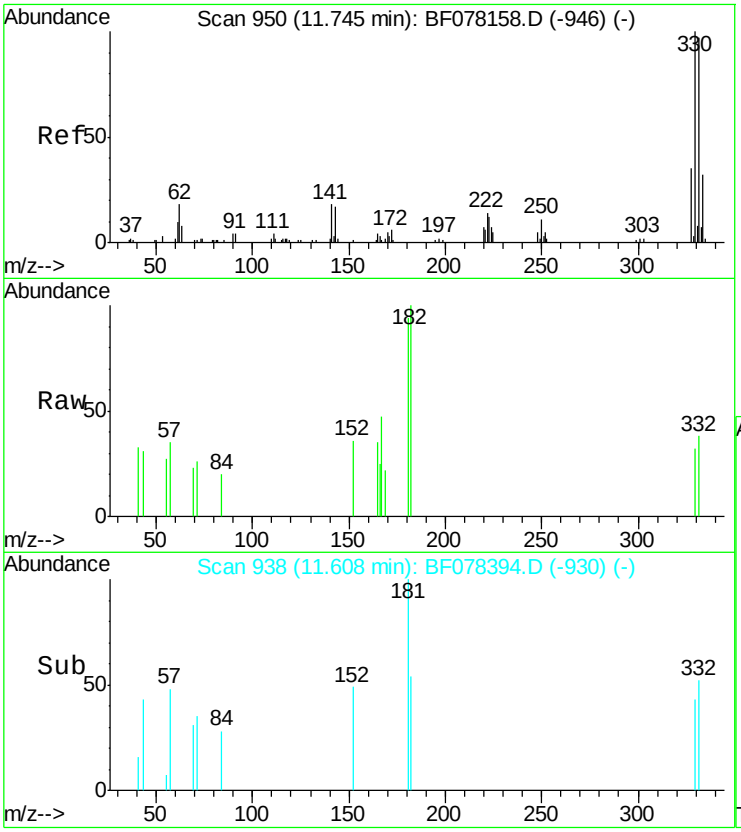


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.62 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF078394.D
Acq: 10 Apr 2015 10:11

Tgt Ion:164 Resp: 74698

Ion	Ratio	Lower	Upper
164	100		
162	104.9	82.2	123.2
160	44.4	34.7	52.1



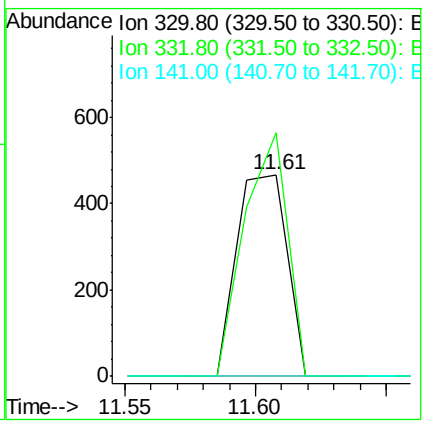


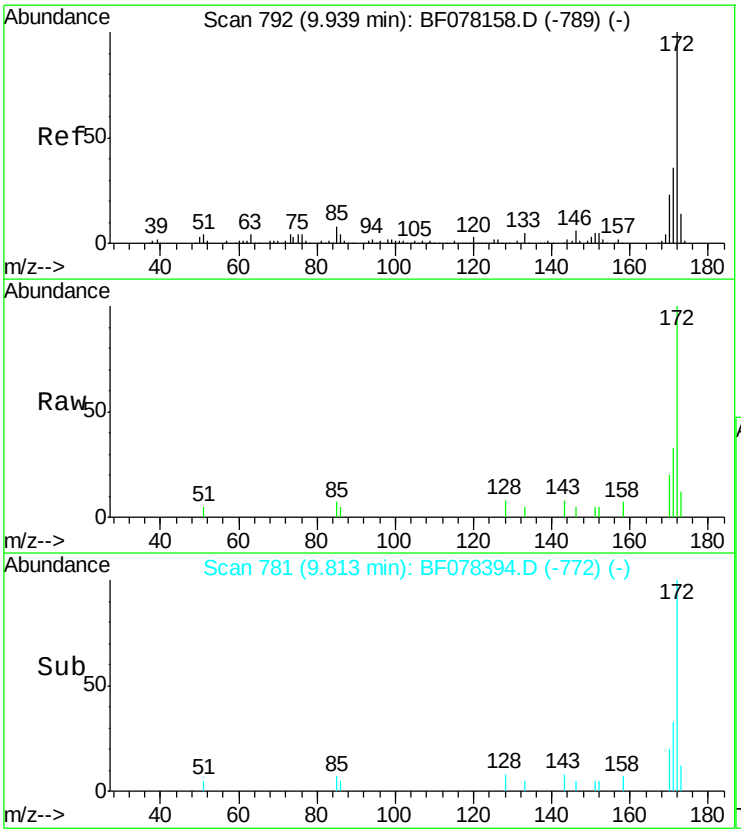
#41
2,4,6-Tribromophenol
Concen: 1.02 ng
RT: 11.61 min Scan# 938
Delta R.T. -0.01 min
Lab File: BF078394.D
Acq: 10 Apr 2015 10:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 632

Ion	Ratio	Lower	Upper
330	100		
332	104.0	78.6	117.8
141	0.0	31.2	46.8#

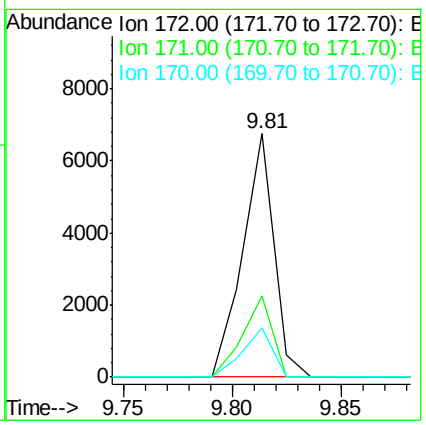


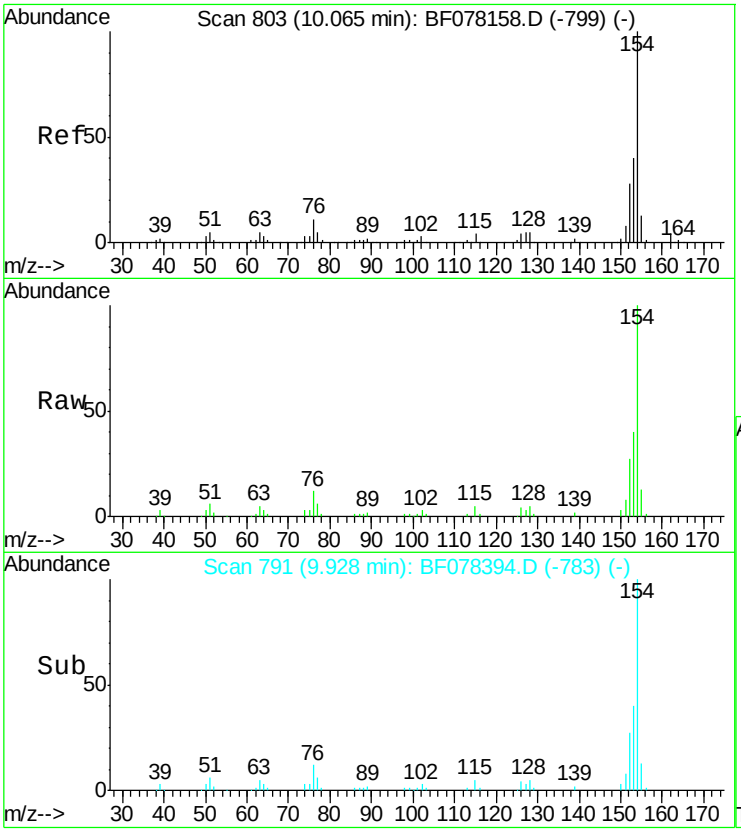


#44
2-Fluorobiphenyl
Concen: 1.28 ng
RT: 9.81 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF078394.D
Acq: 10 Apr 2015 10:11

Tgt Ion:172 Resp: 6707

Ion	Ratio	Lower	Upper
172	100		
171	33.1	28.6	42.8
170	20.3	18.5	27.7



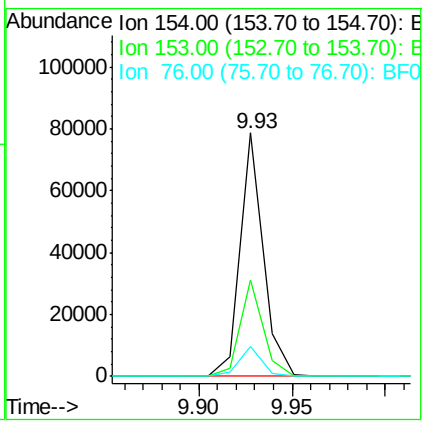


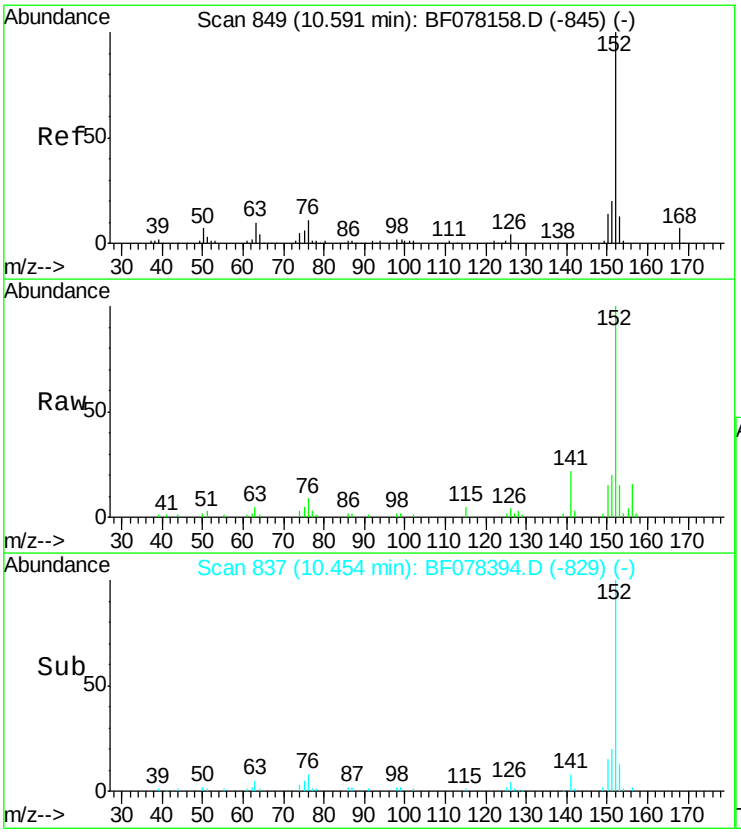
#45
1,1'-Biphenyl
Concen: 11.13 ng
RT: 9.93 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF078394.D
Acq: 10 Apr 2015 10:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 67997

Ion	Ratio	Lower	Upper
154	100		
153	39.7	20.0	60.0
76	12.2	0.0	30.6

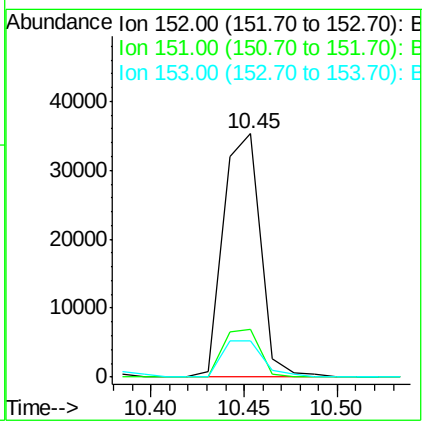


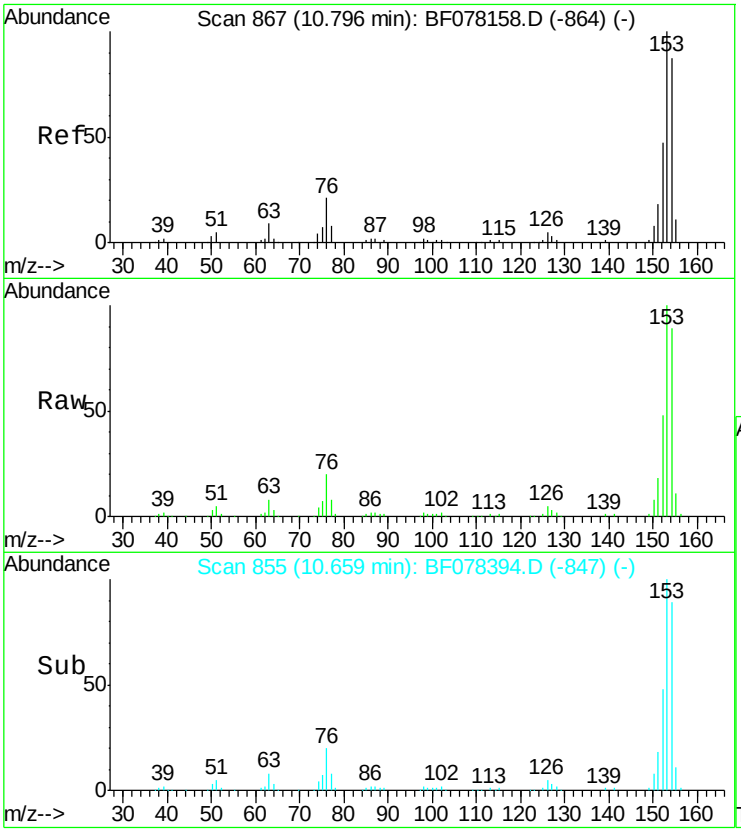


#48
Acenaphthylene
Concen: 6.34 ng
RT: 10.45 min Scan# 837
Delta R.T. -0.01 min
Lab File: BF078394.D
Acq: 10 Apr 2015 10:11

Tgt Ion:152 Resp: 49179

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	14.8	10.2	15.2



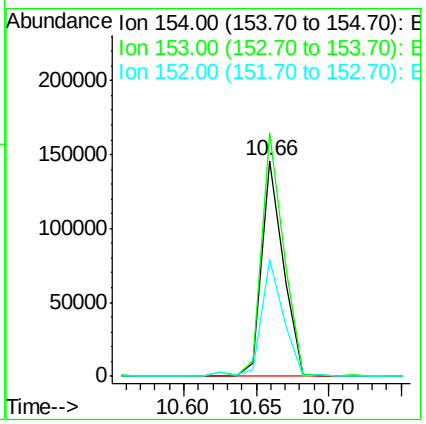


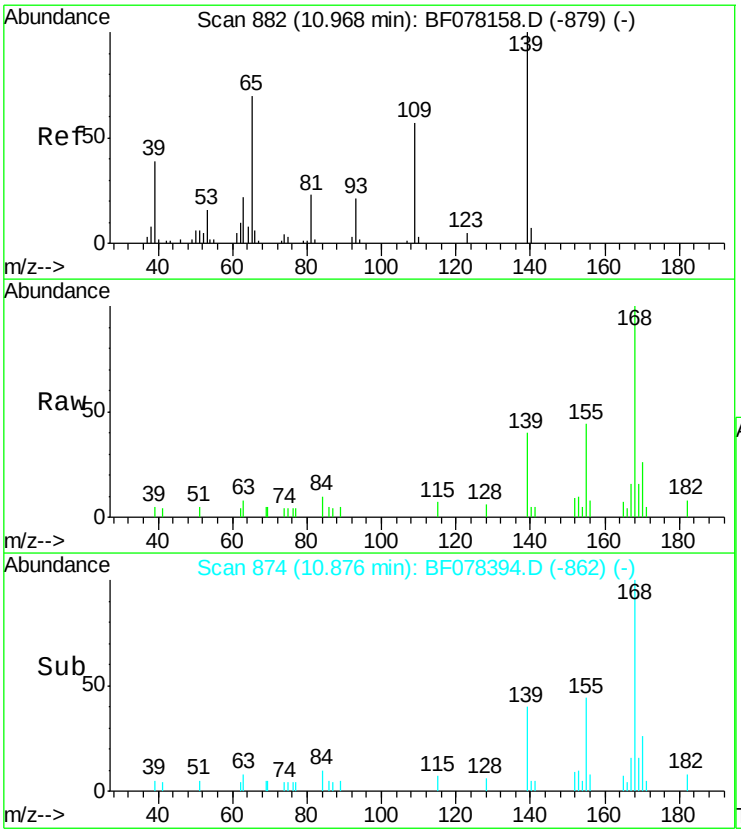
#51
Acenaphthene
Concen: 34.20 ng
RT: 10.66 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF078394.D
Acq: 10 Apr 2015 10:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 149493

Ion	Ratio	Lower	Upper
154	100		
153	112.8	91.4	137.2
152	54.2	43.0	64.6

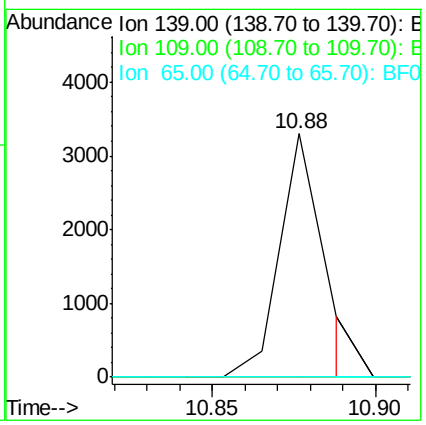


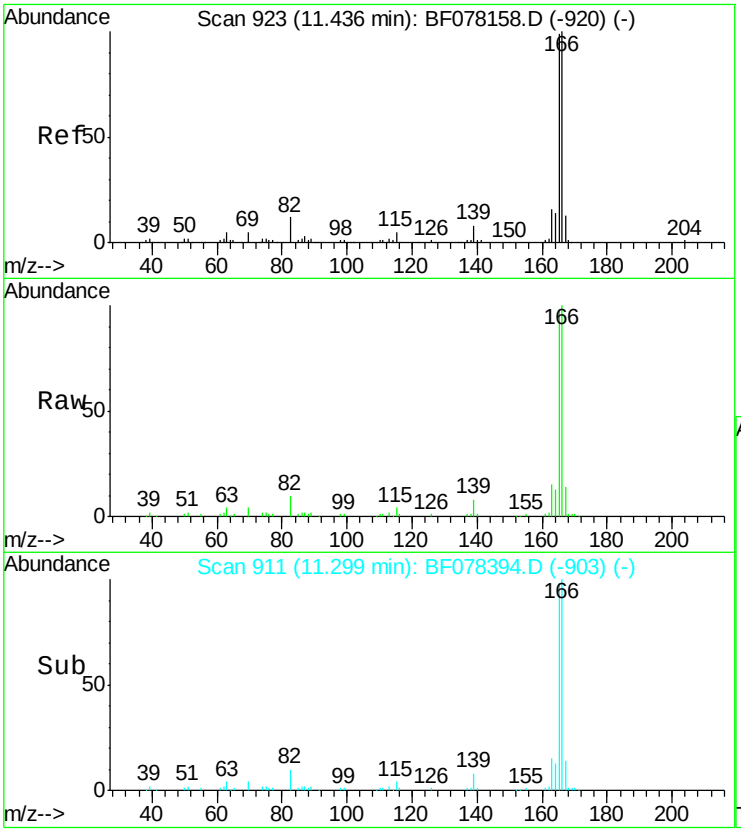


#55
4-Nitrophenol
Concen: 5.84 ng
RT: 10.88 min Scan# 874
Delta R.T. 0.04 min
Lab File: BF078394.D
Acq: 10 Apr 2015 10:11

Tgt Ion:139 Resp: 3076

Ion	Ratio	Lower	Upper
139	100		
109	0.0	36.7	76.7#
65	0.0	49.9	89.9#



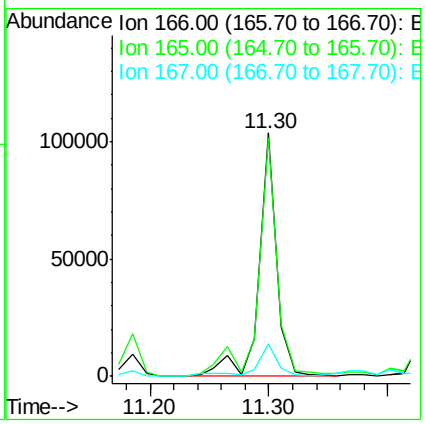


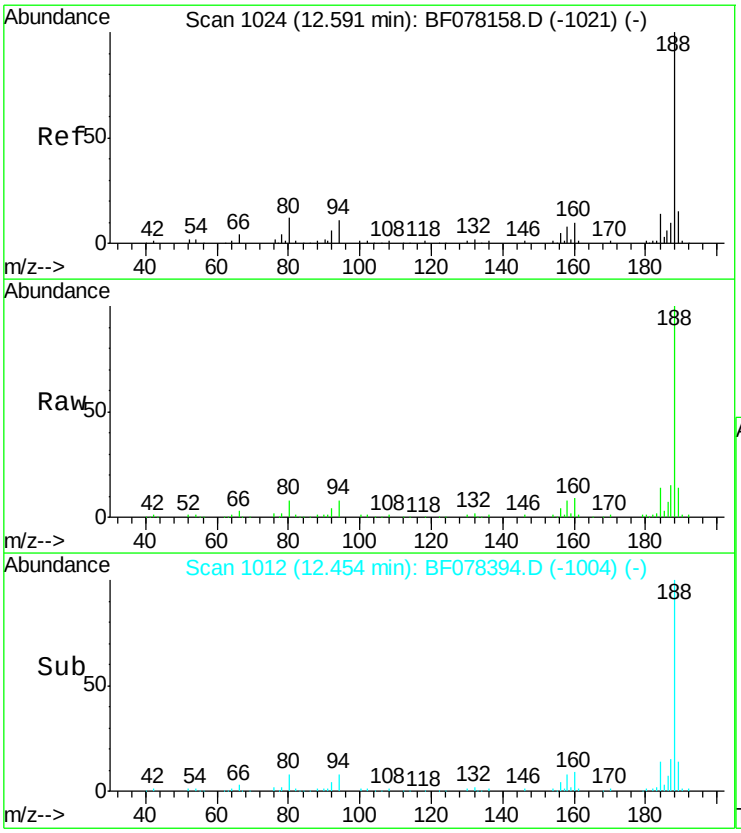
#57
Fluorene
Concen: 20.03 ng
RT: 11.30 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF078394.D
Acq: 10 Apr 2015 10:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 108398

Ion	Ratio	Lower	Upper
166	100		
165	97.9	78.9	118.3
167	13.5	10.7	16.1

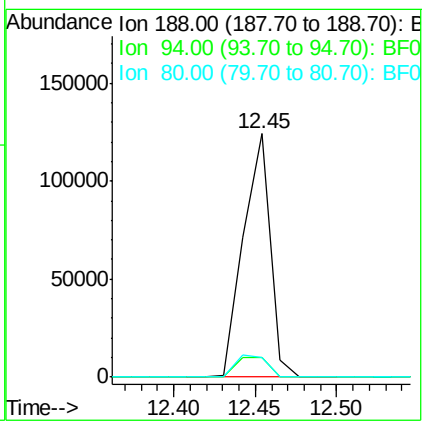


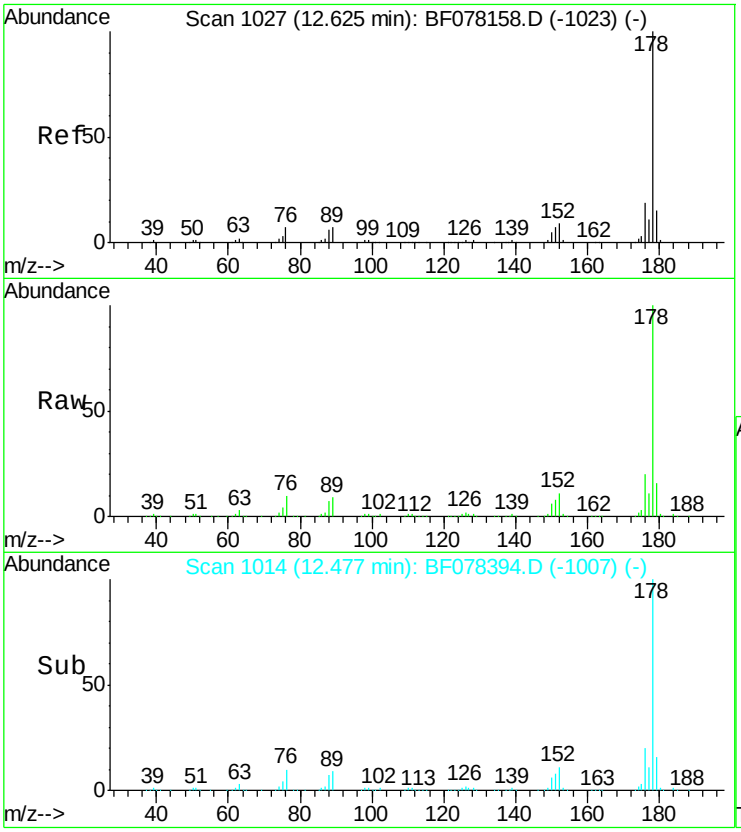


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.45 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF078394.D
Acq: 10 Apr 2015 10:11

Tgt Ion:188 Resp: 141195

Ion	Ratio	Lower	Upper
188	100		
94	7.9	9.0	13.4#
80	7.9	9.5	14.3#



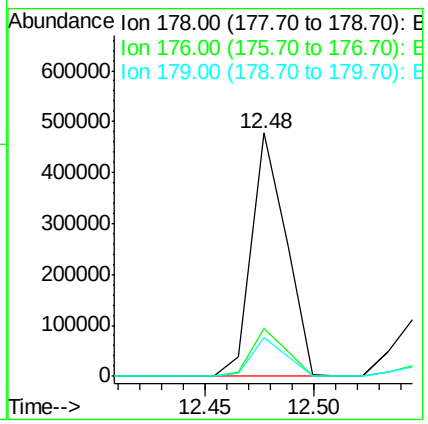


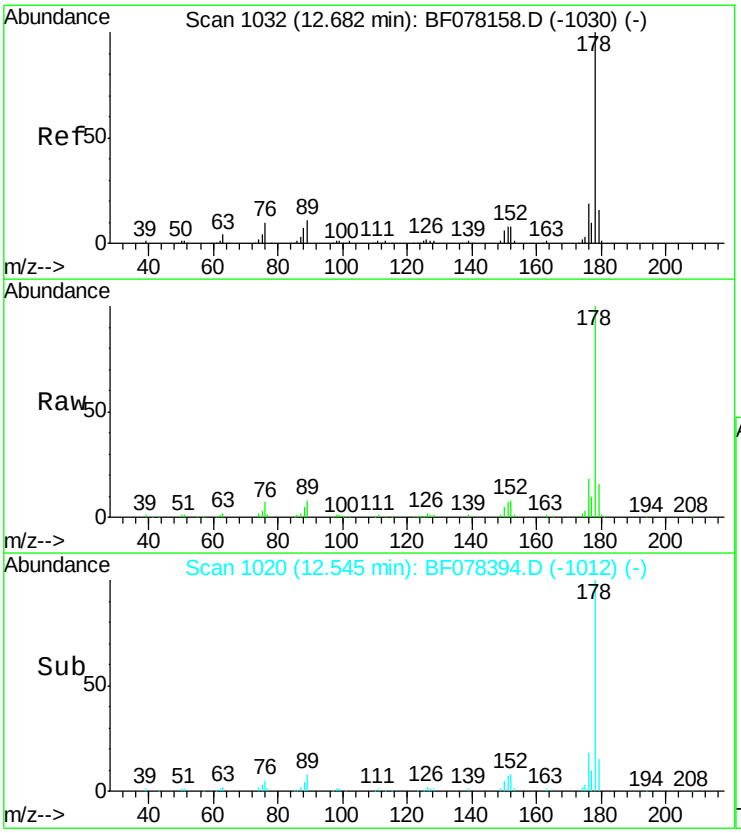
#70
Phenanthrene
Concen: 65.00 ng
RT: 12.48 min Scan# 1014
Delta R.T. -0.02 min
Lab File: BF078394.D
Acq: 10 Apr 2015 10:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 530856

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.0
179	15.8	12.2	18.2

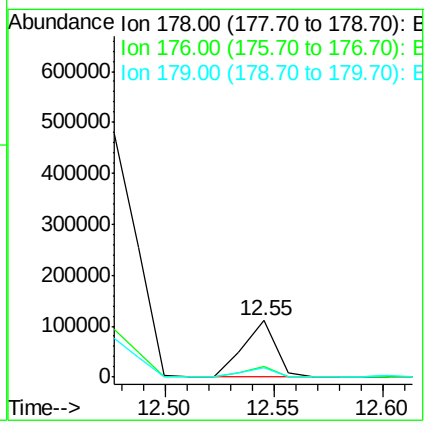


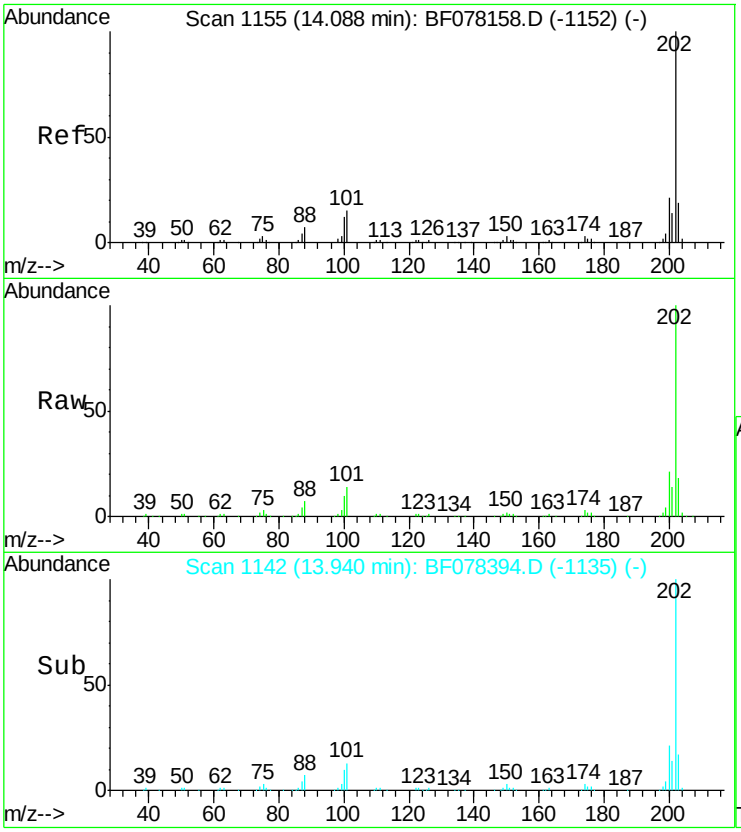


#71
Anthracene
Concen: 14.18 ng
RT: 12.55 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF078394.D
Acq: 10 Apr 2015 10:11

Tgt Ion:178 Resp: 114099

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.8	22.2
179	15.6	12.4	18.6



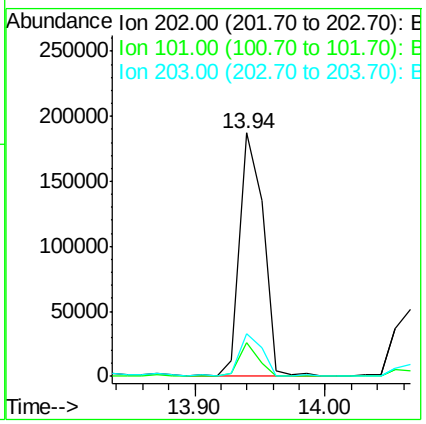


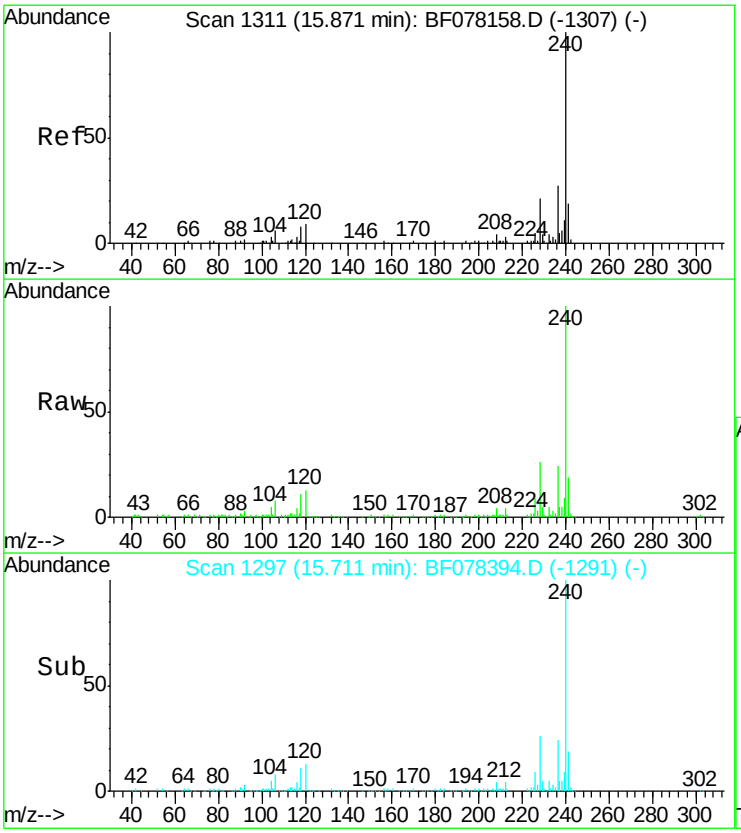
#74
Fluoranthene
Concen: 27.19 ng
RT: 13.94 min Scan# 1142
Delta R.T. -0.02 min
Lab File: BF078394.D
Acq: 10 Apr 2015 10:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 234166

Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	35.2
203	17.7	0.0	38.5

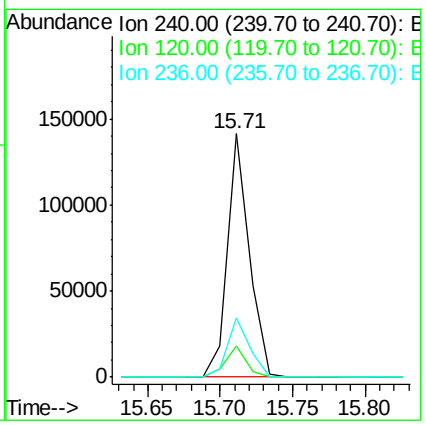


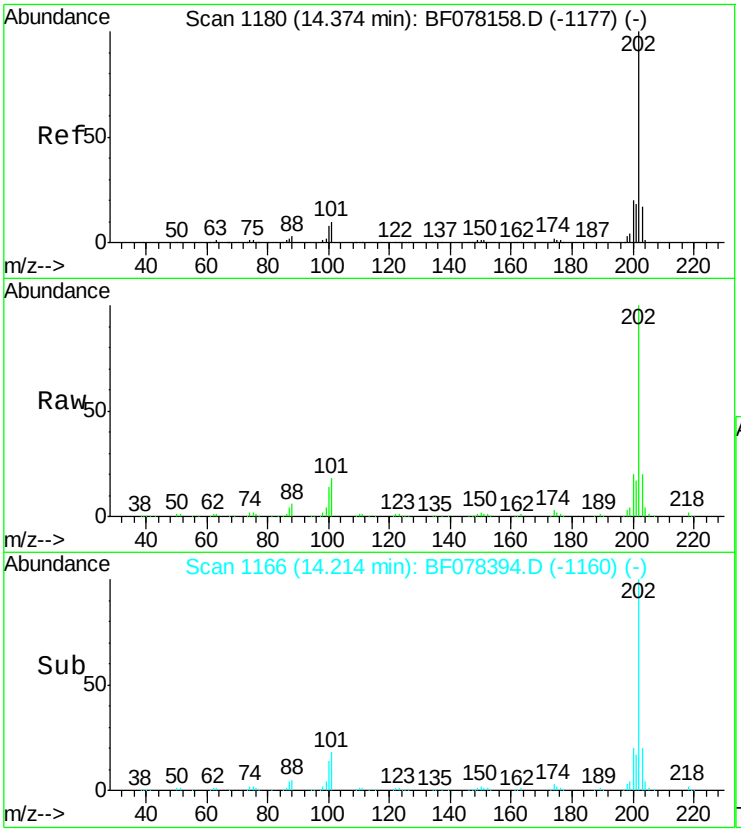


#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.71 min Scan# 1297
Delta R.T. -0.03 min
Lab File: BF078394.D
Acq: 10 Apr 2015 10:11

Tgt Ion:240 Resp: 148567

Ion	Ratio	Lower	Upper
240	100		
120	12.8	7.1	10.7#
236	24.4	21.4	32.2



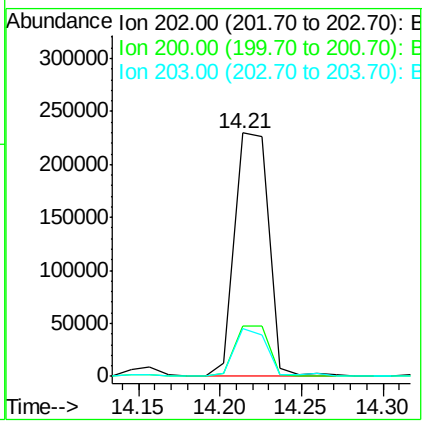


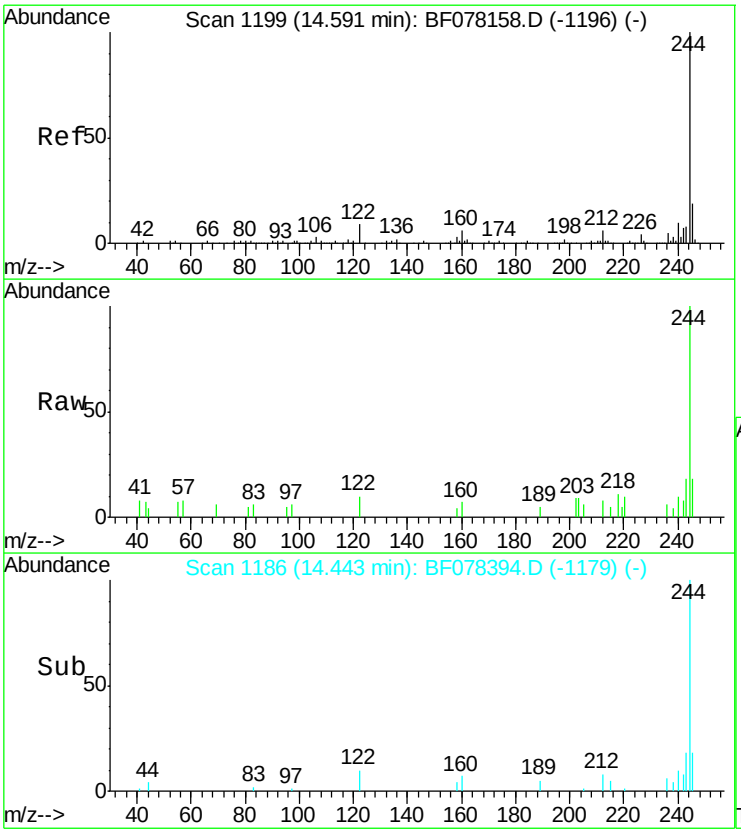
#77
Pyrene
Concen: 35.24 ng
RT: 14.21 min Scan# 1166
Delta R.T. -0.03 min
Lab File: BF078394.D
Acq: 10 Apr 2015 10:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 328705

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.3	24.5
203	19.6	13.8	20.6

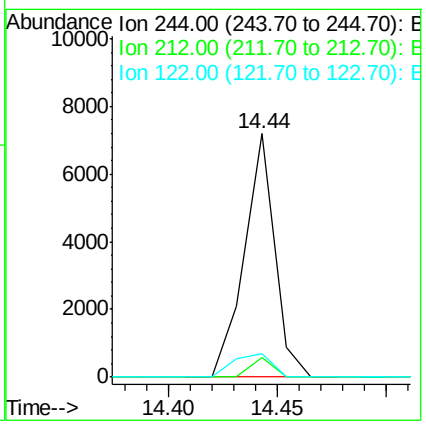


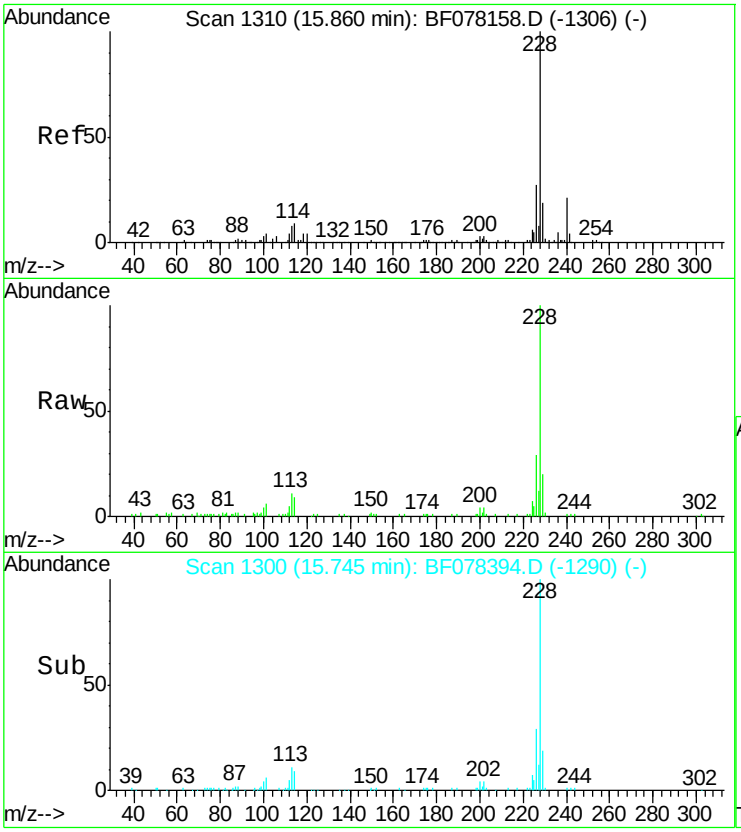


#78
Terphenyl-d14
Concen: 1.06 ng
RT: 14.44 min Scan# 1186
Delta R.T. -0.02 min
Lab File: BF078394.D
Acq: 10 Apr 2015 10:11

Tgt Ion:244 Resp: 6981

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.0	7.4#
122	9.5	7.1	10.7



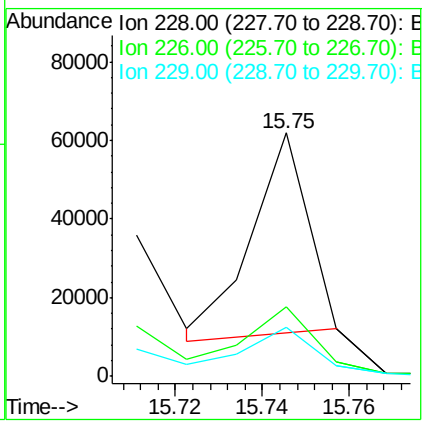


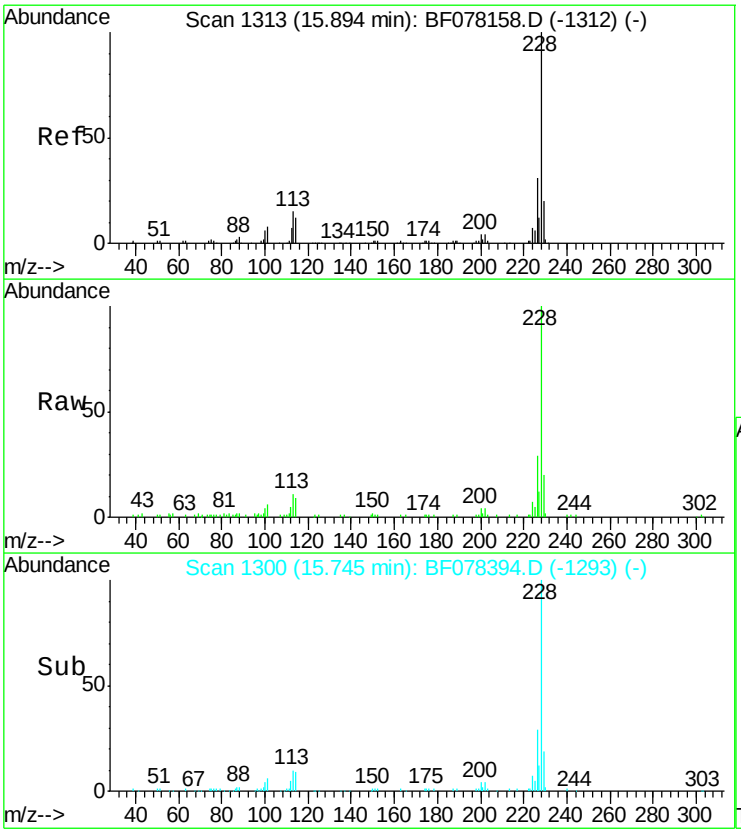
#80
Benzo(a)anthracene
Concen: 5.20 ng
RT: 15.75 min Scan# 1300
Delta R.T. 0.01 min
Lab File: BF078394.D
Acq: 10 Apr 2015 10:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 45971

Ion	Ratio	Lower	Upper
228	100		
226	28.7	21.3	31.9
229	20.2	15.4	23.2

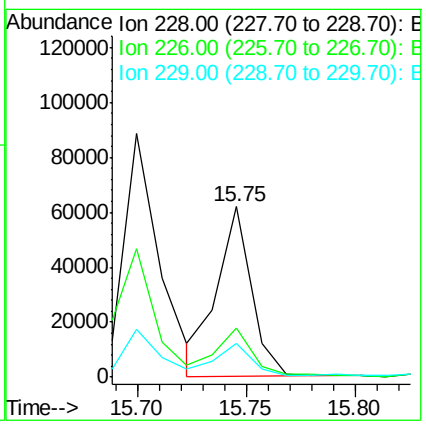


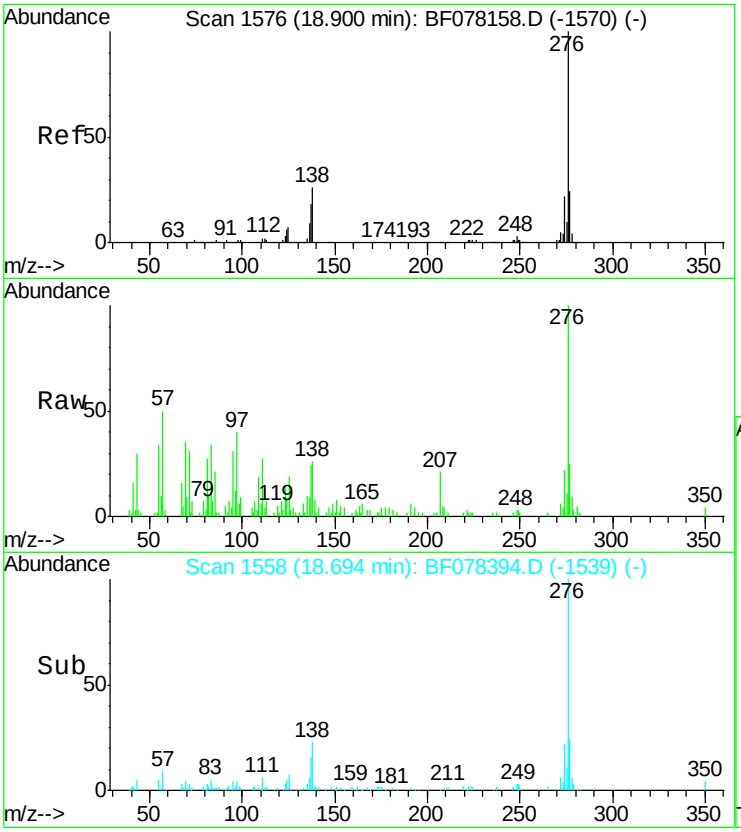


#82
Chrysene
Concen: 8.13 ng
RT: 15.75 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BF078394.D
Acq: 10 Apr 2015 10:11

Tgt Ion:228 Resp: 67532

Ion	Ratio	Lower	Upper
228	100		
226	28.7	24.2	36.4
229	20.2	15.8	23.8



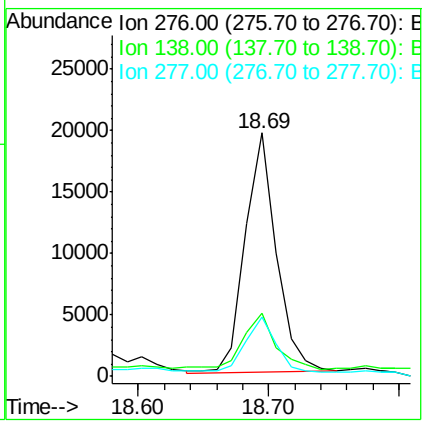


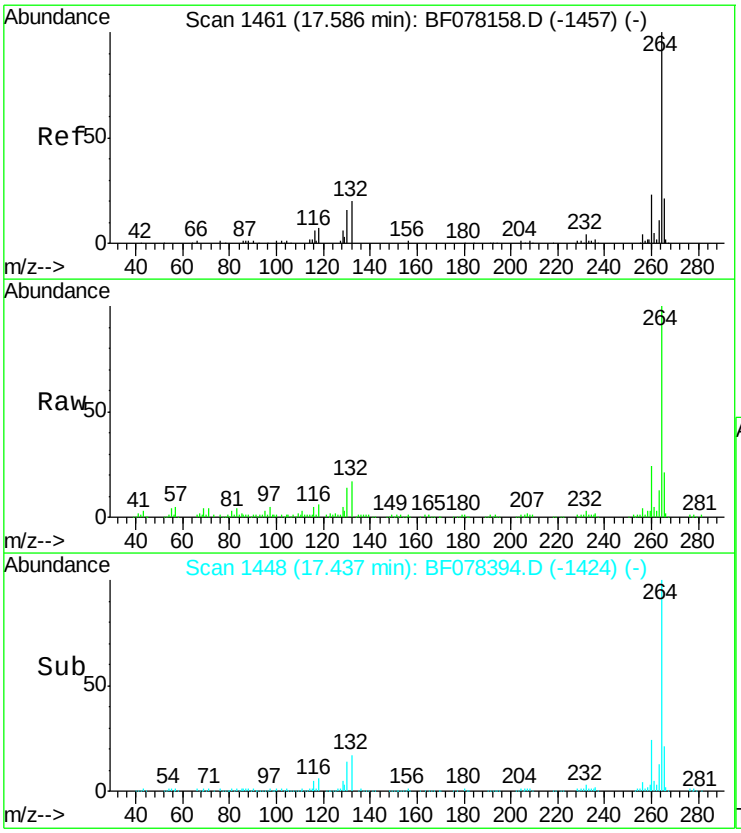
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.46 ng
RT: 18.69 min Scan# 1558
Delta R.T. -0.08 min
Lab File: BF078394.D
Acq: 10 Apr 2015 10:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 32578

Ion	Ratio	Lower	Upper
276	100		
138	26.9	16.9	25.3#
277	27.4	15.8	23.6#

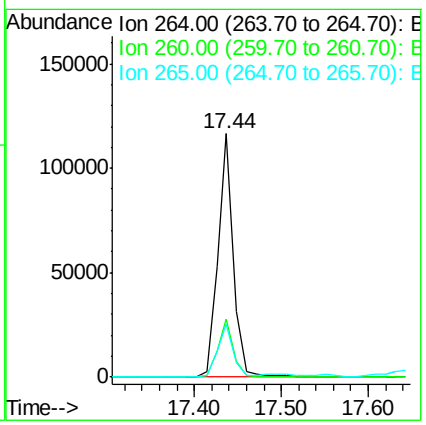


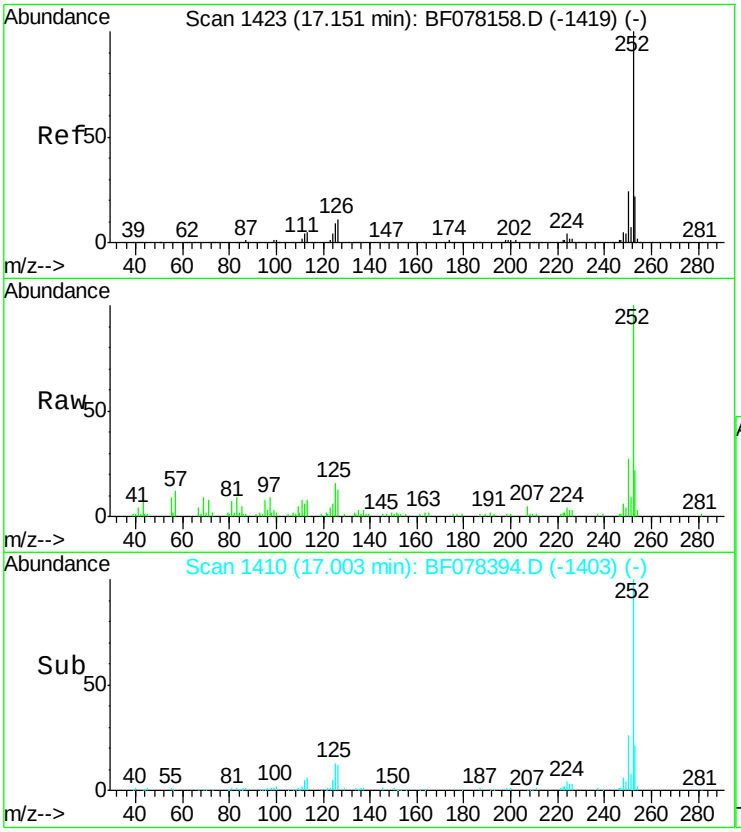


#86
Perylene-d12
Concen: 20.00 ng
RT: 17.44 min Scan# 1448
Delta R.T. -0.02 min
Lab File: BF078394.D
Acq: 10 Apr 2015 10:11

Tgt Ion:264 Resp: 144907

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	27.8
265	21.5	17.0	25.6



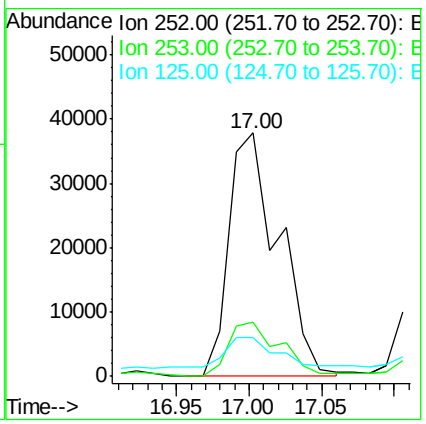


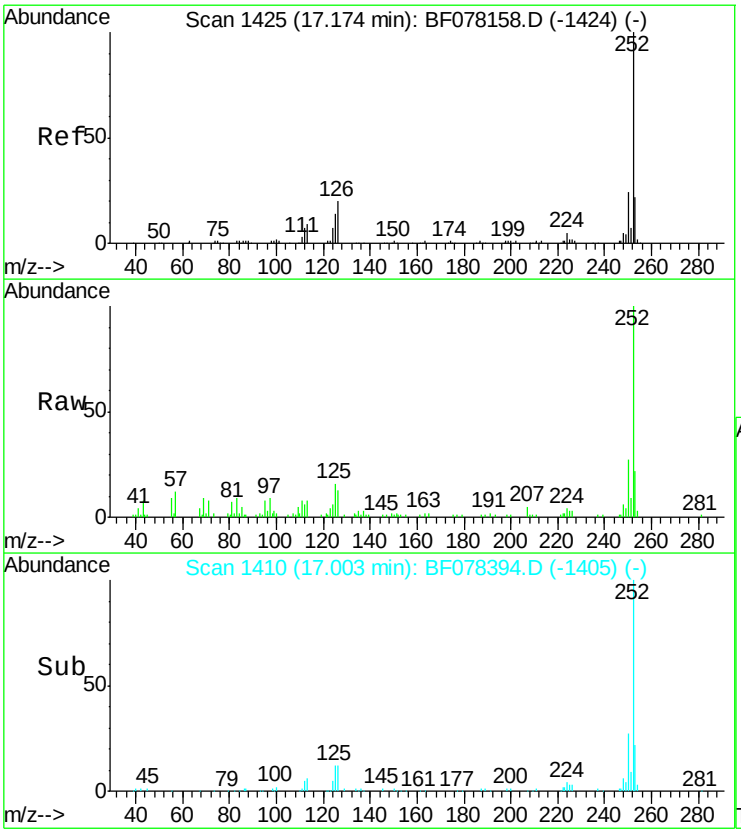
#87
Benzo(b)fluoranthene
Concen: 10.01 ng
RT: 17.00 min Scan# 1410
Delta R.T. -0.02 min
Lab File: BF078394.D
Acq: 10 Apr 2015 10:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 89692

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	15.9	7.0	10.4#

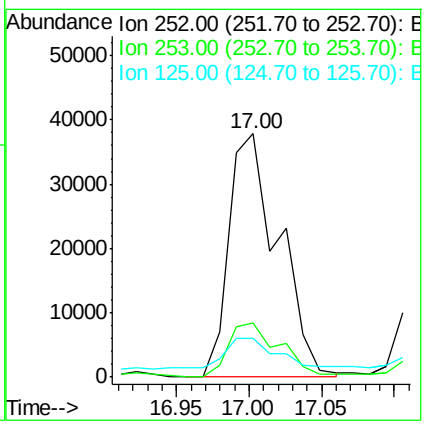


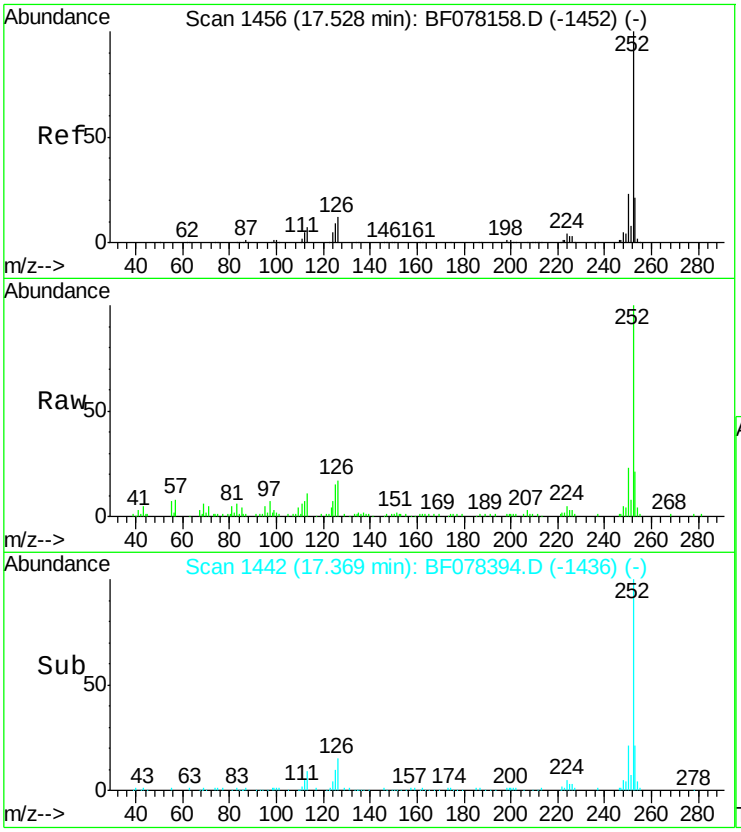


#88
Benzo(k)fluoranthene
Concen: 11.27 ng
RT: 17.00 min Scan# 1410
Delta R.T. -0.05 min
Lab File: BF078394.D
Acq: 10 Apr 2015 10:11

Tgt Ion:252 Resp: 89692

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	15.9	11.6	17.4





#89
Benzo(a)pyrene
Concen: 10.51 ng
RT: 17.37 min Scan# 1442
Delta R.T. -0.03 min
Lab File: BF078394.D
Acq: 10 Apr 2015 10:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 82173

Ion	Ratio	Lower	Upper
252	100		
253	21.1	16.8	25.2
125	15.2	7.4	11.0#